A. Mission or Task: Risk Assessment **Date prepared:** Annex F Artic Village Range Live Fire Maneuver Course	**B. Date/Time Group** Begin: 8 January 2004 End: 8 January 2005	**C.** 1 December 2004

D. Prepared By: Mr. Range Facility Manager

E. Task	**F. Identify Hazards**	**G. Assess Hazards**	**H. Develop Controls (“How To”)**	**I. Determine Residual Hazards**	**J. Implement Controls**
1. Dry Fire Operation	Slips/Trips/Falls	Moderate(IIIC)	Proper foot gear and maintain trails (holes/pits/police)	Low (IIIE)	Wear proper foot gear and maintenance of trails
2. Blank Fire Operation	Blank Ammunition: -Fire	Moderate (IIE)	Prohibit flammable material near ammo area	Low (IIIE)	Ensure fire extinguishers are present and train personnel on use
	-Improper use and handling of blanks	Moderate (IID)	Minimize persons handling. Prohibit removal from package until use	Low (IIIE)	Ensure careful handling near ammo area. Emphasize control and accountability.

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2. Blank Fire Operation	-Loaded Weapons	High (IIC)	Keep weapons up and down range at all times	Moderate (IIID)	Establish misfire procedures and rehearse immediate Continued action drill. No horseplay.
	-Practice Grenades	Moderate (IID)	Perform to same standards as live fire operations	Low (IIID)	Train to standard and stress proper throwing techniques
	-Noise Hazards	High (IIC)	Wear proper hearing protection	Low (IIID)	Ensure hearing protection is available and worn
3. Live Fire Operation	Grenade Effects: -Grenade fragments	High (IC)	Training to standards and use use proper throwing techniques	Moderate (IID)	1. Rehearse prior to live fire and train to standard. 2. Close coordination and supervision of assault teams. 3. Follow the commands of RSO at all times. 4. Explicit training in fraticide. 5. Wear helmet and protective vest. 6. Maintain proper

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3. Live Fire (IID) Operation Continued	-Armed grenade not to	High (ID)	Develop and thoroughly rehearse standard. Train soldiers to	Moderate	Contact EOD for assistance. Motivate soldiers abuse grenades.
	-Improperly cooked off grenade	High (IC)	Cooking off grenades is Stress in written procedures and to every soldier.	Low (IIE)	
	Small Arms Effects Ammunition:				
	- Improper handling	High (ID)	Minimize persons handling. Ensure careful handling handling of blanks near ammo area. Emphasize and accountability.	Moderate (IIE)	Prohibit removal from package until use control Ensure receipt of correct blank ammo.
	-Malfunction	High (ID)	Develop misfire and clearing procedures Train personnel on proper misfire/clearing procedures.	Moderate (IIE)	Stress danger of cook off.

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5. Exiting Range Require RSO or OIC to clear all weapons	Uncleared Weapon	High (ID)	Weapons must be cleared off the range by	the RSO or OIC	Low (IIE)

NOTE: Control measures will be briefed and incorporated into the SOP. Supervision and training to standard are key to mission success. The Range Safety Officer, OIC and any other safety personnel will ensure that these control measures are implemented, the SOP is adhered to, and high standards of safety are maintained at all times to ensure risks are minimized.

All personnel will be briefed on the control measures, emergency procedures and review lessons learned from previous accidents prior to training. Emergency procedures will be rehearsed, to include, simulating calling, contacting Range Control, directing immediate cease fire, etc.

RISK ASSESSMENT RATING: The overall rating given to the Artic Village Live Fire Maneuver Course is (**HIGH**). Implementing the suggested control measures will reduce the rating. The residual risk given the Artic Village Live Fire Maneuver Course is (**MODERATE**).

K. Determine overall mission/task risk level after controls are implemented (circle one)

LOW (L) MODERATE (M) HIGH (H) EXTREMELY HIGH (E)